

As a below named inventor, I hereby declare that:

SEMICONDUCTOR TYPE TWO PHASE LOCKED LOOP FILTER

 X is attached hereto.

Prior Foreign Application(s):

Prior U.S. Applications:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Paik Saber, Reg. No. 37,494; Randall J. Bluestone, Reg. No. 40,518; Ron Feece, Reg. No. 46,327; William D. Gill, Reg. No. 44,124; Esther E. Klein, Reg. No. 33,409; Robert B. Martin, Reg. No. 26,945; Douglas R. Millett, Reg. No. 31,784; Lewis L. Nunnelley, Reg. No. 42,942; Abdy Raissinia, Reg. No. 38,686; Christopher A. Hughes, Reg. No. 26,914; John E. Hoel, Reg. No. 26,279; Joseph C. Redmond, Jr., Reg. No. 18,753; Stanley B. Green, Reg. No. 24,351.

Send all correspondence to:

IBM Corp, IP Law, Dept L2PA/014-2,
5600 Cottle Road,
San Jose, CA 95193.
Telephone: (408)256-

FULL NAME OF SOLE OR FIRST INVENTOR: James Stephen Mason

INVENTOR'S SIGNATURE:

J S Masen

DATE:

10 November 2003

RESIDENCE:

1 Royston Avenue, Eastleigh, Hampshire SO50 4NH,
United Kingdom.

CITIZENSHIP:

British

POST OFFICE ADDRESS:

Same as residence

ASSIGNMENT

Whereas, I,

James Stephen Mason
County of **Hampshire**

of City of **Eastleigh**
and State of **United Kingdom**

have invented certain improvements in

SEMICONDUCTOR TYPE TWO PHASE LOCKED LOOP FILTER

and executed, a United States patent application therefor on 10 November 2003.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

J S Mason
James Stephen Mason

Signed at Winchester on 10 November 2003
(Town where signed) (Date)